

PTO 08-1976

CC=JP DATE=19840725 KIND=U  
PN=59110182

WELDING DEVICE FOR FUEL TANK, ETC.  
[Nenryo tanku nado no yosetsu sochi]

Daizo Shiga, et al.

UNITED STATES PATENT AND TRADEMARK OFFICE  
Washington, D.C. January 2008

Translated by: FLS, Inc.

PUBLICATION COUNTRY	(19):	JP
DOCUMENT NUMBER	(11):	59110182
DOCUMENT KIND	(12):	U
PUBLICATION DATE	(43):	19840725
APPLICATION NUMBER	(21):	58004082
APPLICATION DATE	(22):	19830113
INTERNATIONAL CLASSIFICATION	(51):	B23K 37/04; B23K 9/225
INVENTORS	(72):	SHIGA, DAIZO; ICHINOSE, KIROHIRO
APPLICANT	(71):	HONDA MOTOR CO., LTD.
TITLE	(54):	WELDING DEVICE FOR FUEL TANK, ETC.
FOREIGN TITLE	[54A]:	NENRYO TANKU NADO NO YOSETSU SOCHI

A welding apparatus for a fuel tank or the like wherein right and left flanged workpieces having curved surfaces are butt-joined, and while restraining and retaining each workpiece with a pressing jig and a receiving jig to weld butt-joint thereof; said welding apparatus for a fuel tank or the like wherein a workpiece pressing member is sprung downward by a spring or the like to a support member fixed to a rocking plate which retains the aforesaid pressing jig, and the workpieces are pressed to the aforesaid pressing member before the pressing jig restrains and retains the workpieces.

## [Brief Description of the Drawings]

The drawings show a practical example of this device, where Figure 1 is a side view of the welding apparatus pertaining to this device; Figure 2 is a plan view thereof; and Figure 3 is a front elevation thereof.

Normally, in the drawing, 1 is a receiving jig; 5 is a rocking plate; 6 is a pressing jig; 7-1, 7-2, 7-3 and 7-4 are support members; 8 is a pressing member; 9 is a spring; 14 is a joint plate;  $W_1$  and  $W_2$  are flanged workpiece; and  $W_3$  is a butt-joint.

---

\*Numbers in the margin indicate pagination in the foreign text.



Figure 3

